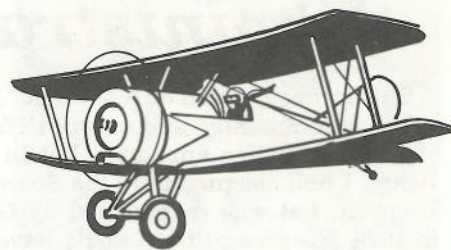


# Montana and the Sky



Vol. 32, No. 8

MONTANA AERONAUTICS DIVISION

August, 1981

## A. J. Patenaude Deceased

We are saddened to report the death of A. J. "Pat" Patenaude, who died July 31, 1981. Pat was a member of the Montana Aeronautics Board, having been appointed in March of 1975.

Pat was the owner and operator of Red Lodge Airways and was active in the general aviation business since 1946. He served as the fixed base operators' representative on the Aeronautics Board and was the Airport Manager for the Red Lodge Airport.

Pat was born in North Chelmsford, Massachusetts and graduated from North Chelmsford High School. He attended the Lowell Textile Institute in Lowell, Massachusetts, majoring in chemistry and dyeing. He then attended the University of Vermont, where he became involved in the CPT program and earned his commercial and instructor's pilot licenses. He then instructed in the U.S. Naval Cadet V-12 program at Nashua, New Hampshire and Claremont, New Hampshire.

Pat then joined the Air Cadets and graduated from the Advanced Fighter Base at Craig Field, Alabama, where he remained until his discharge in 1946 and flew as an instructor pilot.

Pat was a member of the Montana Aviation Trades Association, National Agriculture Applicators Association, BPOE, an alderman, Red Lodge City Council, past president of the chamber of commerce, past chairman of the school board,

and past president of the Inquiry Club. He held a FAA commercial pilot's license, instructor's rating, A & P license, and an inspection authorization.

Pat is survived by his wife, Jeannette, and four children, Alice, Jim, Alena, and William. Funeral services were held in Red Lodge August 3.

A final tribute was paid Pat by several close friends who performed a fly-over during the graveside services. The solo airplane trailing the diamond formation made a sharp turn over the grave and rapidly climbed over Pat's beloved Red Lodge Mountain, disappearing into the horizon. A. J. "Pat" Patenaude will long be remembered by his fellow comrades of the sky.



More than a few among us have good reason to feel that a special part of our life is now committed only to memory.



## Attention Pilots

In conjunction with the air controllers' strike, John L. Baker, President of the Aircraft Owners and Pilots Association, urgently requests all pilots to avoid filing IFR flight plans unless the flight is an emergency, one which cannot be made under visual flight rules.

This request came after discussions between AOPA and FAA Administrator Lynn Helms. A voluntary curtailment of contact with air traffic controllers can prevent implementation of an FAA contingency plan which would severely curtail general aviation. Cooperation by pilots can be vital to a proper resolution of general aviation's place in the air traffic system.

The AOPA Air Safety Foundation suggests extra care in VFR operations to avoid hazards of continuing VFR flight into IFR conditions or dangers of operation in marginal conditions. Your cooperation is urged.





# Administrator's Column

The untimely death of A. J. "Pat" Patenaude saddened the entire Montana aviation community, and we will all feel and share his loss with his loved ones.

Governor Judge appointed Pat in 1975 to fill my unexpired term on the Board. I had resigned from the Board to take a position with the Aeronautics Division. Pat was reappointed by Governor Judge in July 1975 and again in 1979. His present term would have expired January 1983.

Pat represented the Aviation Trades Association well during his tenure and will be missed by his fellow associates.

On behalf of Governor Schwinden, Department of Commerce Director Buchanan, the Aeronautics Board, the Aeronautics Division, and the entire aviation community, our sincere sympathies are extended to the Patenaude family.

★ ★ ★ ★ ★

Our Aeronautics Division hosted the Western States SAR Advisory Council in Helena on July 15-16-17. The aeronautics divisions from Washington, Oregon and Idaho, as well as Civil Air Patrol, United States Air Force and other SAR organizations, including Alberta's Civil Air Rescue Emergency Services, were in attendance.

This conference was held to provide a forum for responsible state aviation officials to share among themselves, and with the governments of the United States and Canada and industry, information regarding the latest techniques and advances in the state of art of SAR and Emergency Airborne Services. Some excellent presentations were given, and I'm sure we all gained in our knowledge of SAR.

The Annual Schafer Meadows Fly-In was once again a success. The weather was beautiful and about 29 airplanes flew in.

The Saturday afternoon work session was well attended and it was gratifying to see that the airport was in such good shape. Most of the gophers seem to have even disappeared from the runway. I'd like to thank everyone who helped with the work session.

See photos elsewhere in this publication.

★ ★ ★ ★ ★

Our Aeronautics Division hosted a Density Altitude Clinic at West Yellowstone on July 31 and August 1. Although the weather was perfect, we were somewhat disappointed with the small attendance. Mick Wilson, FAA Accident Prevention Specialist from the Billings FSDO, gave a safety presentation followed by Jack VanDeRiet, who gave a density altitude presentation.

After the pilots computed their aircrafts' take-off performance, they actually flew test flights which Jack, through the use of his theodolite, was able to measure their altitudes over a given point down the runway. These test flights gave the pilots an actual demonstrated performance check as to whether or not their aircraft would perform in accordance with the respective operation manuals.

The clinic was capped off by a presentation given by Paul Soderlind. We were very fortunate to have Paul at our clinic. Paul, who was raised in Rapelje, was chief pilot for Northwest Airlines until his retirement a few years ago and has been engaged in consulting work for the FAA, National Transportation Safety Board, and Cessna, among others. Paul talked about density altitude effects on large aircraft and the fact that the identical precautions must be dealt with in small aircraft. He also showed a movie which he narrated of the take-off evaluation test program he conducted on the Boeing 727 in Billings in the 60's.

★ ★ ★ ★ ★



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## SAR Advisory Council Meeting

Montana Aeronautics Division hosted the summer meeting of the Western States Search and Rescue Advisory Council in Helena on July 15-17.

Participants representing Oregon, Washington, Idaho, Montana, Illinois, and Alberta included state aviation officials and representatives of other government agencies.

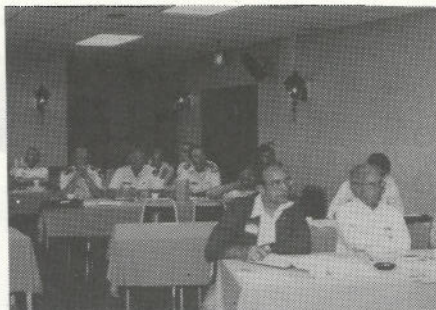
The program was geared around presentations of mutual concern to those agencies and organizations involved with search and rescue activities. Speakers highlighting the program included Colonel James McElhaney, Director of Inland SAR, Scott AFB, Illinois; Ralph McArthur, Operations Manager, Civil Air Rescue Emergency Services, Alberta, Canada; Skip Stoffel, Emergency Response Institute, Cashmere, Washington; and Ralph DeCunzo, SAR Coordinator, Lewis and Clark County, Helena, Montana.

A portion of the meetings consisted of a boat trip through the "Gates of the Mountains" and a tour of Oxbow Airfield, one of the Aeronautics Division's mountain emergency/recreation airstrips.

## Helena to Host MPA Fly-In

The Helena Hangar will host the MPA Fall Fly-In in conjunction with their Aviation Events Day on October 17, 1981, and all aviation enthusiasts are invited to attend.

Plans include contests such as spot landings and flour bombing; aerobatic demonstration; static displays of homebuilt, antique, military and ultralight aircraft; flying of radio controlled aircraft; skydiving; a barbeque and possibly a hangar dance. This Aviation Events Day will be tied in with Helena's Centennial Celebration and will involve the entire community of Helena.



Participants at the SAR Advisory Council Meeting in Helena.



Colonel James McElhaney, Scott AFB.

## Mountain Search Pilot Clinic

The Montana Aeronautics Division invites registered volunteer mountain search pilots to attend the Third Annual Mountain Search Pilot Clinic.

The clinic ground school and flight training operations will headquarter at the Kalispell City Airport on September 18, 19 and 20, 1981.

The clinic will kick off Friday, September 18, at 1900 with a mountain flying ground school. Any interested person is invited to attend this session.

Dual flight instruction in mountain search flying techniques will be provided on Saturday and Sunday. This dual will be conducted primarily in the wilderness areas east of Kalispell. Ground school and dual instruction on the operations of ELT direction finders will be provided Saturday and Sunday. Pilots will be scheduled for this instruction while waiting flight training schedules.

The ground school on mountain flying will continue on Saturday evening at 1900.

Due to limited resources a maximum of 30 applicants will be selected. Applicants must be registered with the Montana Aeronautics Division as volunteer mountain search pilots.

The Montana Aeronautics Division will furnish the selected applicants with rooms (two per room), ground school training, dual flight instruction (mountain qualified CFI's), and Cessna 182 training aircraft.

## Bill Chambers Retires

Bill Chambers recently retired from service at the Helena Vocational-Technical School, after teaching an aeronautics power plant course for fifteen years. Prior to moving to Helena, Bill taught high school for sixteen years in Cut Bank, teaching an aeronautics flight program.

Bill graduated from Montana State University in 1949 with a Bachelor of Science degree in industrial arts. He received his pilot training in the Air Force, which stimulated his interest in aviation maintenance.

Bill received his air frame and power plant ticket in 1955. In addition, he is qualified as an authorized inspector, an instrument instructor, helicopter instructor, and designated mechanics examiner, as well as flying multi-engine land aircraft.

We extend our congratulations to Bill on his retirement.



Mike Ferguson, left, presents Bill Chambers with a Certificate of Appreciation.



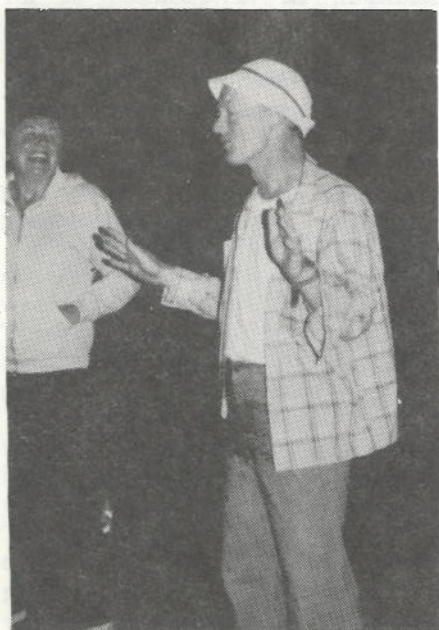
## Mending Fence



**Bob McCue, Missoula, left, and Jerry Burrows.**



**Lee Baker and Herb Sammons mending fence.**



**Phyllis Sammons appreciates Jack Willis' story.**

# Schafer Mead



**Mike Ferguson servicing windsock.**



**Rock Picking Crew.**



**Ray Tocci, Three Forks.**

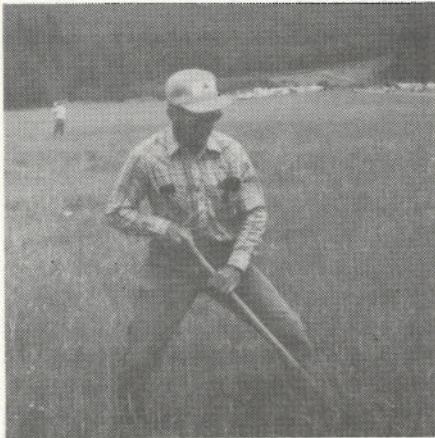


**Marilyn and Mike Strand of Kalispell.**



# How's Fly-In

## Filling Gopher Holes



**Guy Willson.**



**Lee Baker, Lewistown.**



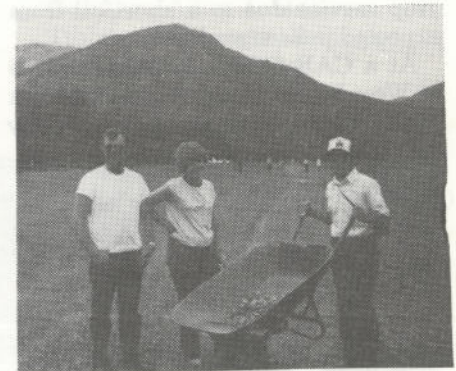
**Jerry Burrows servicing traffic counters.**



**Maurice Sandmeyer, left, and Odean Pederson.**



**Left to right, Guy Willson, Moore; Mike McCue, Missoula; Terry and Bonny Miles, Superior.**



**Bill and Evelyn Sandmeyer, Geyser, and Pete Pederson, Glasgow.**



**Montana Pilots Association Board Meeting.**



## CAB Rules on Aspen Request

The five-member Civil Aeronautics Board ruled July 23, 1981 that Aspen Airlines must continue its West Yellowstone flight service. Daily commercial air service between West Yellowstone and Salt Lake City will continue for at least the rest of the summer.

However, the CAB order allows Aspen to decrease its flights from two round trips daily to one, effective immediately.

Aspen went to the CAB seeking a hike in the subsidy to cover an anticipated loss or permission to drop service due to a shortfall from expected passenger loads.

At a CAB field hearing on July 9 in West Yellowstone, representatives of the community had an opportunity

to testify before CAB personnel. Those testifying in behalf of West Yellowstone were Calvin Dunbar, Jerry Tompkins, Ken Davis, John Townsley, Allen Warren, John Olson, Terry Povah, William C. Bennett, Dean Nelson, Clyde Seely, and Bill Howell. Also present and testifying for Aspen Airlines were Gerald Hickman, the airline's President, and A. M. Andrews, its Vice President.

Those representing the Civil Aeronautics Board at the hearing in West Yellowstone were Gloria Schaeffer, member of CAB Board, Janice Redding, Community & Congressional Relations, Christopher Tourtellot, Office of General Counsel, CAB, and William Boyd, Bureau of Domestic Aviation.



Left to right: CAB personnel — Janice Redding, Gloria Schaeffer, William Boyd, Christopher Tourtellot.

## Mechanics Scholarship Awarded

Fred Wittlake, son of Mr. and Mrs. Fred Wittlake of Columbia Falls, has been awarded the Montana Aeronautics Division Aviation Mechanics Scholarship.

This award is given to the graduating student who has maintained the highest grade average during the combined Airframe and Powerplant Aviation Maintenance Technician Program at the Helena Vocational-Technical Center. The award is in the amount of \$250 and is applied toward the purchase of a set of tools.

Fred previously worked for Evergreen Helicopters in Missoula and

plans to pursue a career in helicopter mechanics. He has applied for admission to Northrup University in Los Angeles to further study helicopter maintenance. He has flown over 700 hours and will soon complete his commercial ticket.



Fred Wittlake, left, receives Certificate of Merit from Mike Ferguson.

## Navion Fly-In

The American Navion Society sponsored its 21st fly-in and convention at the Outlaw Inn in Kalispell, July 4-12. More than 60 aircraft flew into Kalispell for the event.

Those attending the convention participated in business meetings, safety seminars, technical sessions and numerous flight contests.

An avid Navion owner, James Feick of Los Angeles, whose aircraft took the flagship trophy in Kalispell, gives a bit of history of his interest in Navions: "My partner, Arnold Stone, and I bought our Navion, since changed to N76FS, about six years ago. Around January 1976 my partner and I took a vote and decided to be what is almost considered an extinct breed . . . a flag waving American. With a vote of 2 to 0, we designed the color scheme and had her completed before the '76 Concord Fly-In. The color scheme chosen was red, white and blue, including 186 stars, and we hope that maybe in flying around to other airports people will have more respect for the colors we fly and the aircraft we chose to wear them. Since our aircraft is used expressly for Civil Air Patrol search and rescue, we also felt how terrific it would be to be able to find someone in our searching and have them see the uplifting color scheme of the rescuing aircraft."

In summing up their feelings toward their Navion and the group of men and women they've met, Feick believes, "It would be hard to find a finer group of people that are always willing to help other people and discuss airplanes. If Arnie and I are at your airport sometime, come over and say hello . . . you know, if you show me yours, I'll show you mine routine!"



Arnold Stone with his Navion at convention in Kalispell.



## CONGRATULATIONS!

### *FAA Certificates Issued Recently to Pilots*

#### PRIVATE

Thomas, Edward D., Jr., Soldotna,  
Alaska

Vosen, David A., Glasgow  
Graham, Richard F., Miles City  
Ketchum, Thomas J., Miles City  
Comstock, Darla Jean, Miles City  
Warbington, Peter A., Billings  
Raasch, Martin W., Billings  
Swain, David L., Billings  
Ayers, Courtney F., Mildred  
Buckmaster, Edward R., Billings  
Zimmerman, Donald R., Billings  
Hanson, John B., Billings  
Johnson, Darrel S., Hardin  
Stewart, Samuel L., Oilmont  
Meadows, Darrell L., Alberta,

Canada

Swansey, Thomas J., Calgary,  
Alberta, Canada

Doyle, Daniel J., Polson  
Ward, Gerald D., Missoula  
Peterson, Frank R., Florence  
Karr, Percy F., Florence  
Burton, James R., Turah  
McCue, Michael R., Missoula  
Werner, Dale A., Butte  
Barrett, Kelly G., Dillon  
Krause, Kade G., Dillon  
Benjamin, Leslie W., Shelby  
Metzer, Thomas O., Kalispell  
Sprague, Charles H., Helena  
Luedke, Bert C., Billings  
(Add MEL/CLT)

Glesige, James R., Big Sky  
Briggs, Roland B., Ugashik,  
Alaska

Craig, John A., Billings  
(Add MEL/CLT)

Fontenot, Daniel H., Bozeman  
Matney, Claud E., Bozeman  
Dutton, Leo Cort, Sand Springs  
(Add IRA)

Malek, Gerry B., Lincoln  
Munyan, Gary E., Great Falls  
Haralson, Gleanson, Sidney  
(Add IRA)

Wirrell, Gary J., Great Falls  
Blankenship, Clifford D.,  
Great Falls

Hasskamp, Frederick, Hamilton  
(Add AMEL)

Anderson, Jimmy L., Fairfield  
Emmerson, Gary K., Huntley  
(Add IRA)

Cull, Gary B., Billings (Balloon)  
Lohrenz, Clarence G., Sidney  
Christianson, Keith W., Glendive  
Wittlake, Fred C., Columbia Falls  
(Add CA)

Sanford, Tim H., Lloyd  
Kemmis, Scott A., Columbus  
Schulz, Dennis J., Miles City  
Butorac, Jack D., Hardin  
Steil, Edward N., Dutton  
Heiser, Paul, Billings  
Skattum, Dennis W., Livingston  
Stephen, James M., Dickinson,  
North Dakota  
Maddox, Jimmy W., Billings  
Errebo, Henry C., Billings

#### INSTRUCTOR

Gregson, Roger D., Lewistown  
(Renew)  
Schmier, Roger D., Sidney (Renew)  
Blankenship, Joseph D., Imperial,  
New Brunswick (Add Gold Seal)  
Jones, Marshall J., Billings  
(Renew)

Wilkins, Gerald R., Powell,  
Wyoming (Renew)

Gore, Alfred J., Billings (Renew)  
Parrott, Douglas H., Roundup  
(Renew)

Wokal, Victor G., Glasgow (Renew)  
Cebulski, Kenneth R., Malta  
(Renew)

Chaney, Chris, Lewistown (Renew)  
Ugrin, Joseph E., Miles City  
(Reinstate)

Willis, John M., Billings (Renew)  
Nance, Jay T., Birney (Renew)  
Fischer, Robert E., Jr., Billings  
(Add MEL)

Waddell, William K., Billings  
(Add IRA)

Miklos, Bruce A., Billings  
(Add IRA)

Peretti, Michael H., Billings  
(Add MEL)

Kruse, Timothy J., Billings  
(Renew)

Norcutt, Earl L., Jr., Billings  
(Renew)

Hartwig, Carl J., Butte (Renew)  
Slack, Jerry L., Federal Way,  
Washington (Renew)

Morris William J., Missoula  
(Renew)

Roam, Kay M., Billings (AGI)  
Laird, Erlend D., Ekalaka

Larson, Russell O., Kalispell (AGI)

#### COMMERCIAL

Umscheid, Randy L., Calgary,  
Alberta

Geiger, Richard E., Cut Bank  
(Add MEL)

Bost, Jeffrey G., Billings  
(Add MEL)

Muri, Randall P., Miles City  
Viviano, John R., Billings  
Dutton, Leo C., Sand Springs  
Robison, Gary S., Billings  
Daigneau, Alfred J., Billings  
James, William C., Dillon  
White, Joe G., Billings

#### ATP

Stockdale, Ronald L., Billings  
Coomber, Allen J., Billings  
Tibbits, Stephen D., Billings  
Kolb, Karl A., Billings  
Mattheis, Jeffrey S., Butte

#### INSTRUMENT

Robison, Gary S., Billings  
(Commercial)

Tranel, Ned N., Billings (Private)  
Pester, Jerome B., Hingham  
Carter, Daniel L., Bozeman

#### SENIOR PARACHUTE RIGGER

Stewart, John W., Missoula

## Calendar

**August 17 to 23** — Aviation Appreciation Week in Great Falls.

**September 18 to 20** — Mountain Search Pilot Clinic, Kalispell.

**September 25 to 27** — North Dakota Flying Farmers Convention, Holiday Inn, Jamestown.

**October 3** — Halloween Air Race, Great Falls to Jackpot.

**October 9 to 11** — Montana Flying Farmers Convention, Lewistown.

**October 17** — Montana Pilots Association Fall Fly-In & Aviation Events Day, Helena.

**October 23 to 25** — Saskatchewan Flying Farmers Convention, Derrick Motor Hotel, Estevan.





Cascade Airlines is serving the Butte-Salt Lake City market with Brazilian Embraer Bandeirantes.

## Pilot Aids

Montana Aeronautics Chart	\$2.00
Montana Airport Directory	\$2.00
Annual Subscription to Montana and the Sky	\$2.00

2,500 copies of this public document were published at an estimated cost of \$.18 per copy, for a total cost of \$447.17, which included \$230.00 for printing and \$217.17 for distribution.

## MEMBER

### NATIONAL ASSOCIATION OF STATE AVIATION OFFICIALS

PURPOSE—"To foster aviation, as an industry, as a mode of transportation for persons and property and as an arm of the national defense; to join with the Federal Government and other groups in research, development, and advancement of aviation; to develop uniform laws and regulations; and to otherwise encourage cooperation and mutual aid among the several states."

August, 1981



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